

APPARATUS AND METHOD FOR OPERATING A SUBSCRIBER
INTERFACE IN A FIXED WIRELESS SYSTEM

ABSTRACT

An apparatus, and an associated method, operates upon bursts
5 of data signals received at a base station in a fixed wireless
access communication system. A controller is provided in a base
transceiver station that is capable of causing cyclo-stationary
adaptive filtering to be performed upon successive bursts of data
signals received at the base station. The cyclo-stationary
10 filtering is performed to facilitate improved speed and accuracy by
which the bursts are acted upon by the demodulator portion of a
modem positioned at the base station.